



- 9-11-03

Figure 1. The structure of the proposed model. The input is a 1D time series of length  $T$ . The model consists of an input layer, a hidden layer, and an output layer. The input layer is a 1D vector of size  $T$ . The hidden layer is a 1D vector of size  $H$ . The output layer is a 1D vector of size  $O$ . The model is trained using a loss function  $\mathcal{L}$  and an optimizer.